

Maciej Włosek

✉ wlomcj@gmail.com | ☎ +48 737-770-872
🐙 github.com/kaciakk | 🔗 linkedin.com/in/maciej-wlosek/

Education

Cracow University of Technology
Faculty of Computer Science and Telecommunications

Expected graduation date: Jun. 2024

Experience

APTW

Sep. 2019 - May 2022

Automatic Technician

C++, PLC, SEE Electrical

- Design and programming of industrial automation systems based on PLCs (Siemens, Panasonic).
- Implementation of HMIs for various manufacturing processes.
- Configuration, programming and diagnostics of servo drives and inverters for various industrial applications.
- Diagnostic, maintenance and repair of various types of CNC machines.
- Designing control cabinets, creating electrical schematics and power systems.

Projects

Software Engineering Class Project

Jan. 2023

Web Application for storing notes

Python, JavaScript, React

- The goal of the project was to create a comprehensive application that allows users to create, store, edit and search for notes.
- The project stood out for its mature API, with unit tests for all methods. Swagger's interactive documentation allowed for endpoint testing, which was a significant achievement in terms of application development.
- Among other things, the application had: user registration and login, tagging, searching and filtering notes, and maintaining sessions according to the timeout configuration

Class Project - Giftology

Sep. 2022

Web Application for gift planning

Python, TypeScript, React

- Development of a web application to plan gift purchases for the future. The project involved allowing users to create "orders" for purchases from external sites with a specific delivery date to a specific person.
- The 'Giftology' project was my first experience with React, which gave me the knowledge and skills on how to use the API to retrieve data and update the state of the application. I learned how to create cross-device interfaces and unit tests for React components.

Skills

Languages:

CSS, HTML, JavaScript, React